USAF Declass/Release Instructions On File-RDP89B09551R000100160010-2

1323

PROPLICATE INSPECTION

ARTICLE NO. 352	DATE //- 1/- 3	6
NOSE SECTION:	MECH.	INSP.
. Plastic nose & windows free of cracks & secure.	203717	
2. ARN/6 boot for condition & closed, ARN/6 and compass s	secure, 26 3747	
3. Brake fluid for proper level & cap secure.	203717	
4. Cabin pressure test fitting secure.	2037/7	
5. Pitot clean & secure, check AIRSPEED.	GRAY	
6. Nose section clean & OK to close panel.	203717	
7. Access panel installed.	2037/7	-
8. All items cleared. CREW CHIEF:	00/030	
COCKPIT EXTERNAL:		
1. Static holes all open.	2037/7	
2. Canopy external handle secure.	2037/7	
3. Lower antenna secure.	2037/7	
4. Windshield & canopy glass cleanliness & condition.	2237/7	
5. All items cleared. CREW CHIEF:	there	
COCKPIT INTERNAL:		
1. General antenna connection secure.	1036	
2. Canopy emergency release handle locked & safetied (02 copper wire).	0 /036	
3. Canopy for proper latching with aft hatch installed,	1030	<u></u>
4. Canopy seal & connection for condition.	2020	-
5. Brakes for solid feel.	1030	
6. Rudder pedals for freedom & operation of adjustment.	1030	
7. Elevator for operation & freedom.	1030	
8. Aileron for operation & freedom.	1030	
9. Elevator tab for operation & direction. Set to neutr	ral. /030	
10. Aileron tab for eperation & direction Set to neutral of Approved for Release 2007/09/04: CIA-RDP89B00551		

COCKPIT INTERNAL: (Continued)	MACH. LISE.
	1030
12. U.H.F.	PiE
13. Aldronol & rag in map case.	1030
14. Instruments for condition & cleanliness,	1033
15. Autopilot:	1036
a. Power on.	10.30
b. Inverter on:	1030
c. After 3 minutes turn autopilot on. (Stick should not move fore or aft.)	1030
d. Check roll trim knob for operation. Wheel should move approximately the same distance each direction.	1030
e. Check yaw trim knob for operation.	1030
f. Check pitch trim knob for operation.	1030
g. Check turn knob for operation.	1030
h. Overpower autopilot in all three axes. (Stick and rudder pedals should return smoothly to initial position)/030
i. Center yaw and roll trim knobs.	1030
j. Inverter off.	1030
k. Power off.	1033
16. Circuit breakers set or into white line.	1030
17. Seat belt & shoulder straps for condition & operation.	1030
18. Oxygen system checked out, system pressure 1800-2000# cap installed, check out face heat.	1030
19. Warning lights for operation.	1030
20. Emergency battery for operation, check voltage with precision meter.	GRAY
21. Seat for condition & operation.	1036
22. Interior lights for operation & security.	1036
23. Cockpit floor cleaned.	1630
24. All items cleared. CREW CHIEF:	alus

EQUIPMENT BAY:	MECH.	T'SP.
l. Peacan drained, flushed & valve closed.	.20 3 777	/
. Cockpit regulators for cleanliness & condition.	2037/7	
3. Control cables for freedom, operation & turnbarrels safeties	2037/7	
4. Equipment for security in hatch & bay.	203717	and the second seco
5. Lower hatch & seal for operation & condition of latching mechanism.	2037/7	
6. OK to install lower hatch.	5,6	and the second s
7. Lower hatch installed, latched and safetied.	1030	g palagenes aggregat, o del silguatur Al-Lill della 1916, 1919.
8. Check HF radio equipment for security.	1030	gangles and a second
9. Upper hatch latching mechanism for operations.	203717	
10. Pressure regulator safetied in flight position.	2657/2	
ll. OK to install upper hatch.	1030	and the second s
12. Upper hatch installed, latched & safetied.	1030	
13. All items cleared. CREW CHIEF:	1030	
UPPER CROTCH BAY:		- magazin gaga tunu magazin i
1. Heat exchanger duct connections for security.	Ben	
2. Check for plumbing or anything riding structure.	Bens	
3. OK to close access door.	Ben	
4. Access door closed & secure.	Ben	,
5. All items cleared. CHREW CHIEF:	aly	·
ENGINE AIR DUCTS:		
1. R/H & L/H main ducts for cracks & cleanliness.	203717	
2. R/H oil cooler duct for cracks & cleanliness.	2537/2	
3. Check inlet guide vanes, compressor rotor & stator blades for dents, nicks or other evidence that the engine has ingested foreign material.	263717	,
. 4. Run up screens removed.	21533	je j
5. All items cleared. CREN CHIEF:	alex	

WING:	MEGE: That,
1. R/H wing for condition & cover plates secured.	203717
2. R/H aileron & tab for security & condition.	2037/7
condition.	2037/7
- kr n 3 2001/200	Alus
4. R/H fuer caps secured, 5. R/H wing fillets for conditions & security.	7837/7
hotohod	2637/7
6. R/H pogo installed & latened. 7. L/H wing for condition & cover plates secured.	20377
8. L/H aileron & tab for security & condition.	7137/1
de la condition	2057/2
9. L/H flap for security & condition. 10. L/H fuel caps secured.	Alex
10. L/H wing fillets for condition & security.	2037/7
12. L/H pogo installed & latched.	20877
13. L/H & R/H outboard fuel drain valves checked for water.	2037/7
14. All items cleared. CREW CHIEF:	aly
FUSELAGE	
and the constitution	24377
1242	26377
 Ejector for condition. Dive flap (speed brakes) for condition & hydro leaks. 	2037/2
to the security.	263777
5. All cover plates secured on top of fuselage.	Ben
for amaka an avidence of foreign	
material passing through turbine.	7637/7
7. All items cleared. CREW CHIEF:	Wish -
EMPENNAGE:	
1. Stabilizer for condition.	. 2037/7
2. Elevator & tab for condition & security.	3037/2
3. Elevator tab for servo action.	2037/7

EMPENNAGE: (Continued)	MECH - USE
4. Vertical stabilizer for condition.	2037/7
5. Vent line open.	2037/7
6. Rudder for security & condition.	2-037/7
7. Fillets for security & condition.	2-037/2
8. All items cleared. CREW CHIEF:	sleep
TAIL GEAR:	
1. Doors for security.	2037/2
2. Tires for condition.	2037/2
3. Steering cables & brackets for condition & security.	2037.7
4. Strut for condition & cleanliness, proper pressure is 335 psi extended or 3.75 inches compressed.	203717
5. Micro switch for security & condition.	2037/7
6. All items cleared. CREW CHIEF:	Der
MAIN GEAR & WELL:	
l. Door for security & condition.	7037/7
2. Control cables for condition, turnbarrels safetied,	2537/7
3. Uplock release cable & spring secure.	7637/2
4. Retract mechanism & cyl. for condition.	2637/7
5. Strut for condition, proper pressure or height & cleanline Pressure 180 psi extended or 4.5 inches compressed.	2637/7
6. Brakes for clearance & freedom of leaks.	2037/7
7. Tires for condition & pressure, 240 lbs.	203717
8. All items cleared. CREW CHIEF:	slex
ENGINE COMPARTMENT:	
1. Throttle for security & safety.	203717
2. Main & aux. fuel tank transfer valves open & safetied.	203717
3. Manual fuel shut off open & safetied.	2037/7
4. Main fuel strainer drained or checked for water.	203717

ENGINE COMPARIMENT: (Continued)	MCCI .	TO K WITH THE COMMENT OF THE COMMENT
5. Check accumulator pressure, 800 psi.	2037/7	-
6. Hydro Oil tank full.	2037/2	t and the same of
7. Electrical plugs secure & safetied,	2637/7	and the second s
8. Fuel & oil lines secure & free of leaks.	263717	
9. Dive flap shut off valve safetied open.	7037/2	
10. Engine side plates installed.	2837/7	ng municipal days and different way different way.
11. OK to install aft lower engine cover & drain lines,	503717	and promise and another the state of the sta
12. All items cleared, CREW CHIEF:	alex	And the second of the second o
SEXTANT:	1	magnigate and magnifest on making the con-
1. Lighting, DAY, NIGHT and OFF.		
2. AZIMUTH control movement, 360° both ways.	13	agaganada, ini alaja 🎉 iraji wezi edan kerindanagan 🕏 ker
3. HEADING control movement, four rotations.		·
4. ELEVATION control movement, high and low, visibility of objects.	1	
5. Averager time.		-
6. Rubble diameter.		
7. Average error.		_{प्रकार} सुरक्षात्रक्षेत्रकेत्रस्य कृत्य क्रांत्रक्षेत्रकेत्रस्य । १९५५ व व्रितिकारिके स्ट क
8. Standard control settings.		gravaganjan de de geprodestanteligantense e metro e e e e
9. Light come stowed. Cleanliness of optics.		· ·
10. Leave light switch in off position. Turn off rectifier and remove plug from ship.		
11. All items cleared. CREW CHIEF:		for facing a service of the service
FINAL SIGN OFF:		errepje i van seministely Alde Belgride (1941) i derriet d
1. Install lower engine cover fwd. section.		s seeper flamb reflections, and one coloring
2. Remove pitot airspeed cover.		padamakkirina (S.A.) ar (Sapan-Allistandria dala da.
3. Remove main & tail gear down lock pins.		managa dest un 11 de residador.
4. Install scissors pin in tail gear.		entalistica de la constitució

FINAL SIGN OFF: (Continued)	MECH. INSP.
5. Fuel load /335 Fuel added // 90 Oil added 3 cto	
Oil level 37 Oxygen 1900	
6. Ship released for flight ate 11-12-53	
Time 0730 121Y0V	
AIRCRAFT GENERAL:	
1. Elect and radio pre flight.	JOK -
2. Install and check special equipment.	10R
3. Check destr. circuit.	NG
4. Install and connect destr.	Notinst ALLE
5. Install upper hatch.	0/10
6. Pilot enter cockpit.	0/4
7. Pilot check cockpit.	
8. Start MA-2 on signal from pilot.	OK
9. Start engine.	ok _
10. Disconnect MA-2	<u> </u>
11. Close canopy.	05
12. Pull gear pins.	
13. Pull chocks.	0/4
14. Crew Chief signal all OK on outside for take-off.	ot
15. Pick up Pogo's after take-off.	
16. All items cleared. CREW CHIEF:	Dry .
AFTER LANDING:	
1. Install Pogo's.	1030
2. Tow aircraft to hangar.	/oŝo
3. Check with pilot to assure all discrepancies have been entered on 781-2.	
4. Correct discrepancies.	10 30
5. All items cleared. CREW CHICE: Approved for Release 2001/09/04 : CIA-RDP89B00551R0001	1.30

ENGINE RUN DATA

DATE //- 1/- 5-6	TEST		ARTICLE	352	OPERATIO	N
	START /5	1:45	START		START	
	STOP / 5				STOP	
		,			and the second section is the second section of the second section of the second section is the second section of the second section s	The state of the s
TIME					ering die seine der der der der der der der der der de	and the same of th
	47.5	86			the second secon	
JET TEMP. Idle 200-300 Max. 500-580		320			n arrow 18 cappins ring damagan an arrow samen after	The second secon
FUEL PRESS. Idle 15-20 Max. 6-12		18			n en	
START TOTALIZER	1304			1		
END TOTALIZER	1226				and the second s	
ELAPSED TIME					ayanne ayaka sina sakayiba daraniliya sakan adala ada saka saka saka saka saka	
LOADMETER .05-15		1/	,			
HYDRO. PRESS. 2800-3100	3000	3000			ngi Anggaman, pandandak senganda sebaga danbah	
OIL PRESS. 40-50	40	40.8				
OIL TEMP. Idle 0-70 Max. 0-80						
ENGINE COMP. TEMP.						
AFT FUEL, TEMP.						
PRESS. RATION 80% 1.2-1.6 Max. 2.2-2.5	1	1.22				
WING FLAPS	OK	0/<				
DIVE BRAKES	OK	OK				
GUST	O/C	OK				

FOSTFLIGHT INSPECTION

room	N NUMBER AIRCRAFT NUMBER 188 DATE 12 /V6 U	MECH.
REPAI	RATION:	
1.	Fire extinguisher provided.	1030
2.	Landing gear downlock pins installed.	1036
3.	Wheels chocked.	1030
4.	Auxiliary static ground installed.	1036
5.	Dive flaps closed shutoff valve "OFF".	103
6.	DD Form 781 for discrepancies.	slep
7.	Switches "OFF".	1030
8.	Necessary fairing, panels and access doors removed or opened; closed or reinstalled upon completion of the inspection.	1030
9.	Dust excluder plugs and wing, empennage, canopy and pitot covers installed upon completion of the inspection.	103
IRFF	AME (SYSTEM NO. 3)	
1.	Aircraft for cleanliness.	1030
2.	Wings, fuselage, empennage and control surfaces for damage; drain holes for obstruction.	Be
3.	Static ground wire for security and positive contact with ground.	1030
4.	Fairings, pannels, and doors for damage and insecurity.	1030
5.	Battery area for evidence of leakage or overflow of electrolyte.	1030
6.	Dive brakes track for cleanliness; flaps, tracks, and linkage for damage and insecurity; actuators, lines hoses, and connections for insecurity and evidence of leakage; lines and hoses for chatting and damage.	Bu
7.	Windshield and canopy for cleanliness, distortion, nicks, crazing, cracks, and scratches.	We
8.	All required Postflight entries made in applicable forms.	NŽ.
. 9.	in the second conform helts for cleanliness.	103
LAND	ING GEAR (SYSTEM NO. 4)	
1.	and whools for damage and free of mud, grass and	103

		MECH.
2.	Shock struts for evidence of leakage; polished surfaces of shock struts and hydraulic pistons cleaned with cloth moistened in hydraulic fluid.	Ben
3.	Microswitches for cleanliness, damage, and insecurity.	Ben
4.	Doors and actuating mechanism for damage, insecurity and evidence of improper adjustment.	Ben
5.	Wheels for evidence of overheating in area adjacent to brakes.	Ben
6.	Tires for uneven wear, cuts or blisters; free of grease or oil; slippage marks for misalignment.	Ben
7.	Accessible brake lines, hoses, connections and components for leakage with parking brakes "SET".	Ben
8.	Accessible components, lines, hoses and connections for insecurity and evidence of leakage; lines and hoses for chaffing and damage.	: Ben
9.	Brake system reservoir for required fluid level; filler plug for security,	Buch
HYDRA	ULIC PNEUMATIC (SYSTEM NO. 5)	ng ngangangan ang paggang pagg
1.	Accessible components, lines, hoses, and connections for in- security and evidence of leakage; lines and hoses for chaffing and damage.	Dick
UTIL	TY (SYSTEM NO. 6)	and the same of th
1.	Oxygen system and components:	anti-anticoloris contigencia contigencia del contigencia del contigencia del contigencia del contigencia del c
	a. Recharge to 1850-psi. /900	1224
. _{Georgia} nya z angka kabu ranan	b. Regulator for steady flow by turning the pressure control knob about 90 degrees clockwise.	alex:
age age on the party matches - 9	c. Regulator system for leakage by ensuring that there is no audible escape of oxygen with diluter in "100% OXYGEN".	aly
. 1944 г. – 194	d. Regulator diaphragm and mask-to-regulator tubing for leakage when a slight pressure is applied at the open end of the mask-to-regulator tube by blowing gently with diluter lever set at "100% OXYGEN"; set regulator diluter at "NORMAL OXYGEN" upon completion of tests.	
ugumi Andrew Saller Andrewskiller	e. Hose from regulators for tears, holes, kinks and insecurity.	
and the second s	f. Knurled coller and hose on regulator outlet elbows properly tightened (point to suit user's convenience).	
	g. Flow indicators for operation. (With regulator set at "100% OXYGEN", blinker should move freely with each normal breath from prosted for the set 2000 000004: CIA-RDP89B00551R000100160010-2	

	PLANT (SYSTEM NO. 7)	And the second s
1.	Exhaust cone for soot swirls and heat streaks indicating faulty fuel nozzles. (If found, inspect inner liners, nozzles and domes).	Dust
2.	Turbine wheel for broken buckets.	Dick
3.	Buckets for nicks and dents beyond specified tolerance.	Such
4.	Nozzle diaphragm blades for damage.	Duck
5.	Engine for evidence of leakage; loose or missing nuts, bolts, studs, or clamps; proper safetying where required.	Dick
6.	Diaphragm and air seal assemblies for cracks and insecurity.	suf
FUEL	(SYSTEM NO. 8)	and the state of t
1.	Exterior of aircraft for evidence of leakage.	130_
2.	Tanks serviced; tank filler necks and cap seals for damage or excessive wear; caps for proper seating.	(1 let
OIL (SYSTEM NO. 9)	
1.	Engine reservoir for required servicing; filler cap for security.	Ben
2.	Exterior of fuselage for evidence of leakage.	Ben
3.	System components, lines, and hoses for damage; lines and hoses for chafing.	Dex
AIR	INDUCTION AND EXHAUST (SYSTEM NO. 11)	
1.	Air intake ducts for damage and foreign material.	134
2.	Tailpipe for cracks and distortion beyond permissible limits; tailpipe clamp and blankets for damage and insecurity.	3-
· ELEC	TRICAL (SYSTEM NO. 14)	
1.	a language available in holders.	Why.
INST	RUMENTS (SYSTEM NO. 15)	
1.	not the state plates for damage and insecurity.	alista
2.	handkote for damage and insecurity.	Med
3.	and looseness:	1044
4.	gi n and evidence of	sley

		MECH
5.	Thermocouple leads for damage and insecurity.	Mert
	Autopilot:	alut.
	a. Power on.	alin
	b. Inverter on.	alu
	c. After 3 minutes turn autopilot on. (Stick should not move fore or aft.)	ila
	d. Check roll trim knob for operation. Wheel should move approximately the same distance each direction.	alul
	e. Check yaw trim knob for operation.	alut
	f. Check pitch trim knob for operation.	alm
ages y as required, and recovery,	g. Check turn knob for operation.	alu
	h. Overpower autopilot in all three axes. (Stick and rudder pedals should return smoothly to initial position.)	alu
	i. Center yaw and roll trim knobs.	Mu
	j. Inverter off.	Alex
	k. Power off.	ili
2 & R	(SYSTEM NO. 16)	
1.	Visually inspect the following items;	
	a. Antenna lead-in for damaged insulators, proper spacing from surrounding objects, and insecurity of connections.	H
	b. Plugs for proper insertion in jacks and receptacles.	<u> </u>
	c. Junction boxes and covers for damage.	Jef
	d. Headset and microphone cordage and plugs for damage and proper stowage.	V

REMARKS:

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SIGNATURE		
/	and the same and t	